

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (Currently Amended) ~~Manufacturing~~ A manufacturing method for obtaining improved high-performance a components (110) for gas turbines, characterized in that it includes at least one process involving powder sintering or powder metallurgy with homogeneous/heterogeneous dispersion of said powders comprising:
performing dispersion of powders in a predefined manner on the component so as to expose metal surfaces in a designated zone of the component to the powder in suitable concentrations, wherein the dispersion allows fixing to the metal surfaces in the designated zone; and
producing internal bodies by microfusion or mechanical machining; and
forming an interface with the internal bodies in the designated zone of the component.
2. (Currently Amended) ~~Manufacturing~~ The method according to Claim 1,
~~characterized in that~~ wherein said powders are metallic and non-metallic.
3. (Canceled) The method according to Claim 1, wherein said dispersion of said powders is performed in a predefined manner resulting in suitable concentrations of said powders in suitably designated zones.
4. (Canceled) The method according to Claim 1, wherein performing said dispersion of said powders results in perfect fixing to metal surfaces in a zone forming an interference and bond with internal bodies produced by means of microfusion or mechanical machining.

5. (Currently Amended) ~~Manufacturing~~ The method according to Claim 1,
~~characterized in that wherein~~ said dispersion of said powders comprises
~~performing dispersion performed~~ with suitable balancing and dispersion of said
~~powders which to produces different chemical/physical properties in different~~
~~points of said components, wherein the properties comprise at least one of~~
chemical properties or physical properties.

6. (Currently Amended) ~~A component~~ Improved high performance components
~~(110) for gas turbines, characterized in that comprising:~~
an interface with internal bodies in a designated zone of the component,
wherein the internal bodies are produced by microfusion or mechanical
machining,
wherein the component is they are obtained by means of at least one
process involving powder sintering or powder metallurgy with
homogeneous/heterogeneous dispersion of said powders, wherein the dispersion
is performed in a predefined manner on the component so as to expose metal
surfaces in a designated zone of the component to the powder in suitable
concentrations, and
wherein the dispersion allows fixing to the metal surfaces in the
designated zone.

7. (Currently Amended) ~~Improved high performance~~ The component (110)
according to Claim 6, characterized in that wherein distribution dispersion of said
powders results in maximum refractoriness and resistance in with respect of to hot
gases.

8. (Currently Amended) ~~Improved high performance~~ The components (110)
according to Claim 6, characterized in that wherein distribution of said powders
results in perfect fixing to metal surfaces in a zone (16) forming an the interface
and bond with the internal bodies (12) produced by means of microfusion or
mechanical machining.

9. (New) The method according to Claim 1, wherein said powders is metallic powder.
10. (New) The method according to Claim 1, wherein said powders is non-metallic powder.
11. (New) The method according to Claim 1, further comprising balancing the dispersion of said powders to produce different properties in different points of said components, wherein the properties comprise at least one of chemical properties or physical properties.
12. (New) The component according to Claim 6, wherein the component comprises an optimum tensile and thermal stress distribution and an optimum strength.